

1963

TORO®

REFERENCE DRAWING AND PARTS LIST



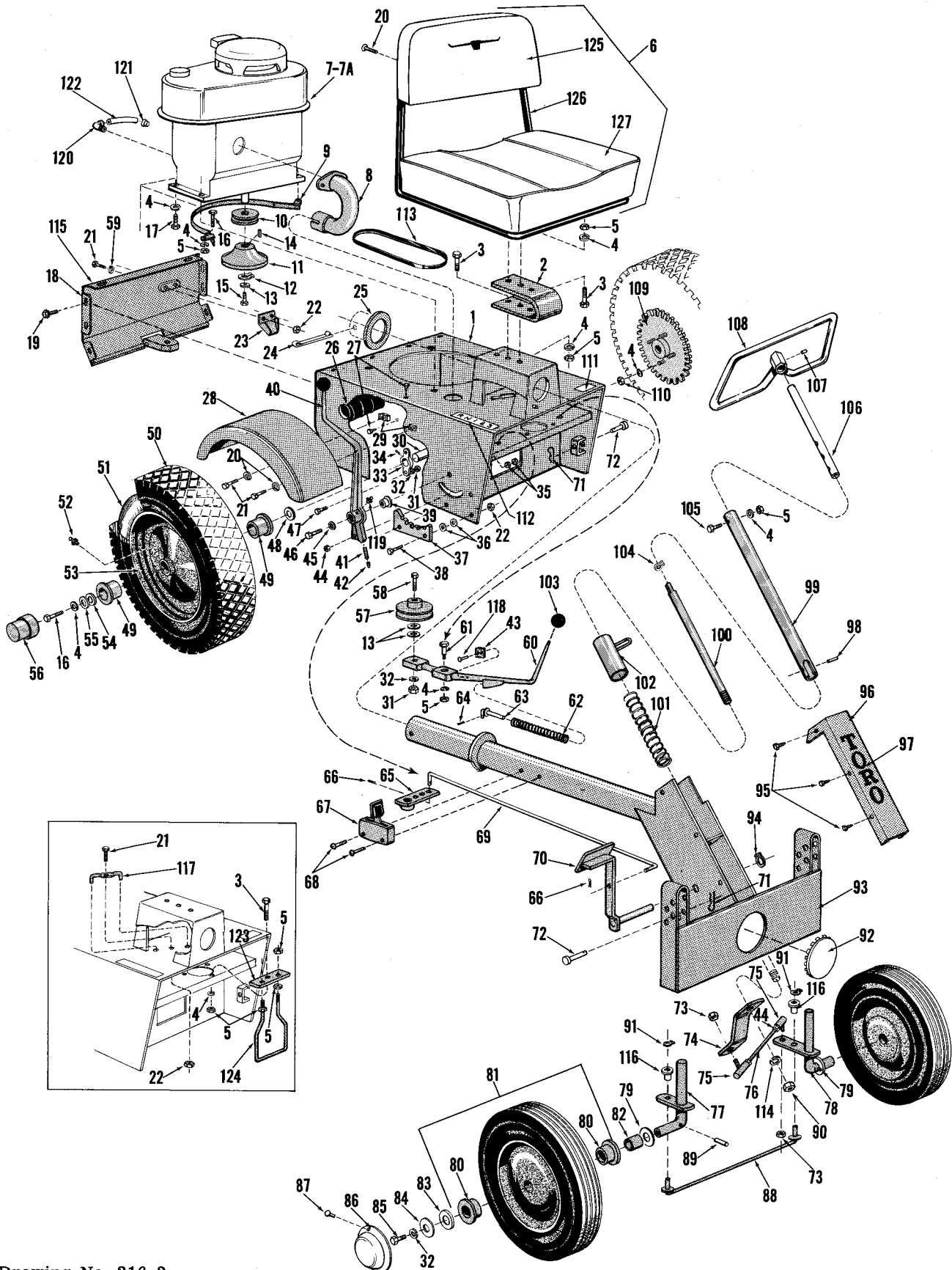
RED RIDER

MODEL NO. 51013 — 4 H. P.
MODEL NO. 51053 — 5 H. P.

BOOK NO. 216

Price 25 cents

MAIN FRAME ASSEMBLY



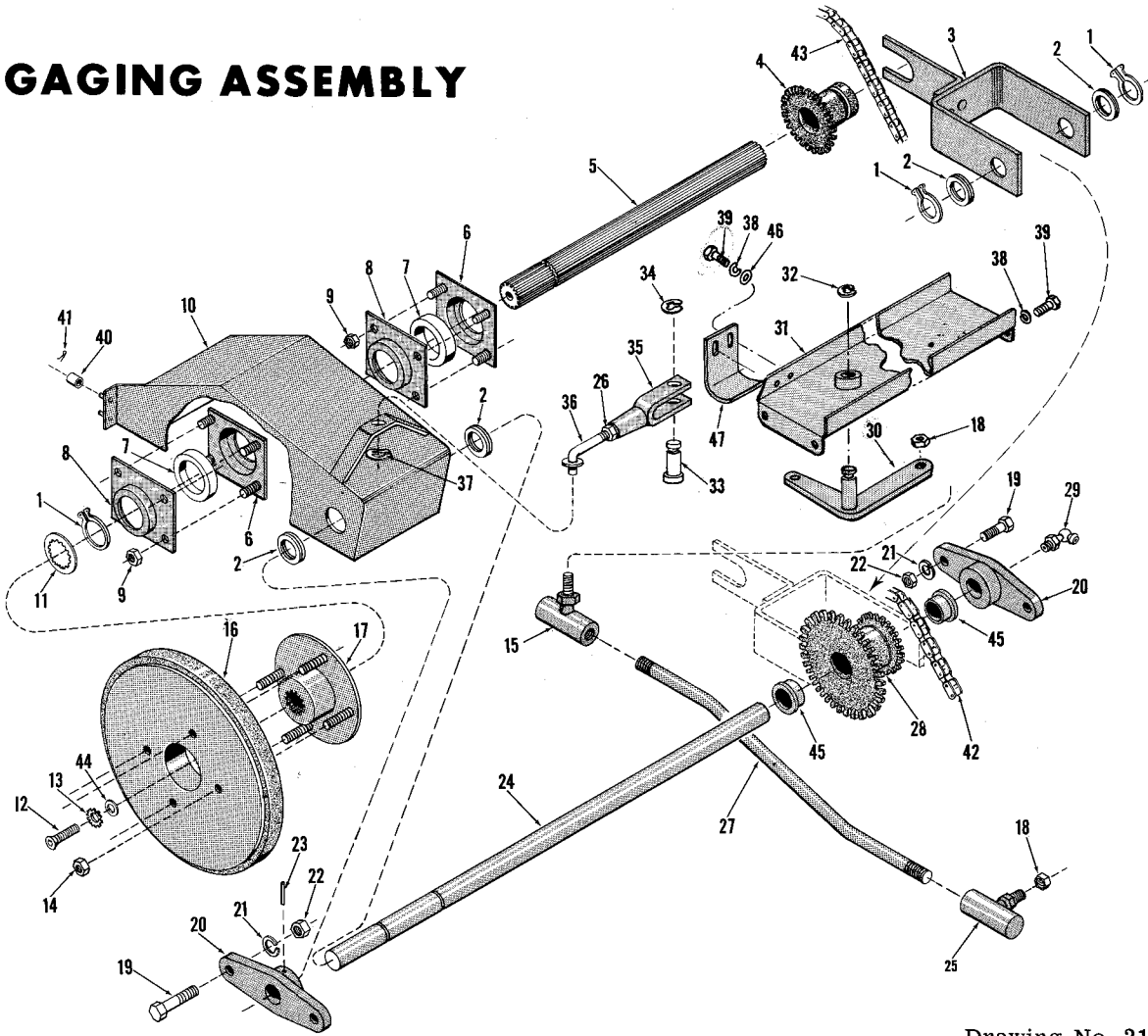
Drawing No. 216-2

MAIN FRAME PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-8180	Housing, Rear W. A.	1
2	3-5437	Seat Spring	1
3	322-4	Capscrew	5
4	3253-4	Lockwasher	21
5	3217-6	Hex Nut	20
6	351-10	Seat	1
7	221-218	Engine V-40, 4 H. P.	1
7A	221-219	Engine V-50, 5 H. P.	1
8	3-7920	Tube, Exhaust Assembly	1
9	3-7960	Belt Retainer W. A.	1
10	3-5516	Pulley	1
11	3-5515	Friction Plate	1
12	32120-100	Snap Ring	1
13	3256-24	Washer	3
14	3-5517	Key	1
15	3273-28	Socket Head Capscrew	1
16	322-3	Capscrew	7
17	322-6	Capscrew	3
18	3-8000	Rear Cover W. A.	1
19	32140-16	Capscrew	8
20	32108-7	Screw	2
21	321-3	Capscrew	12
22	32149-2	Hex Nut	7
23	3-5526	Bracket, Neutral Clutch	1
24	3272-37	Cotter Pin	1
25	3-5496	Retainer, Tube	1
26	2212-9	Muffler	1
27	32140-32	Self Tap Screw	2
28	3-5567	Fender	2
29	3290-225	Speed Nut	4
30	3-5443	Axle Shaft	1
31	3217-7	Hex Nut	5
32	3253-21	Lockwasher	7
33	3-5458	Retainer, Shaft	2
34	32121-12	Roll Pin	2
35	3218-4	Jam Nut	2
36	3-5777	Spacer	4
37	3-5655	Shift Quadrant	1
38	321-6	Capscrew	2
39	3-5764	Bushing	1
40	3-5656	Shift Lever	1
41	3-5672	Spring	1
42	3-5673	Pawl	1
43	3-5413	Brake Lining	1
44	3220-2	Jam Nut	3
45	3256-25	Washer	1
46	324-7	Capscrew	1
47	323-5	Capscrew	4
48	2-4810	Washer	2
49	256-142	Bushing	4
50	231-2	Tire	2
51	232-3	Tube	2
52	302-37	Zerk	2
53	242-30	Wheel Hub & Bushings (Includes two #256-142)	2
54	GM-224	Washer	2
55	WW-5333	Washer	2
56	242-31	Hub Cap	2
57	3-3945	Pulley, Idler	1
58	323-9	Capscrew	1
59	3256-2	Washer	2
60	3-7950	Lever Assembly	1
61	3-5427	Shoulder Bolt	1
62	3-5508	Spring	1
63	3-8380	Rod, Pivot W. A.	1
64	3272-1	Cotter Pin	1
65	3-7940	Arm, Engaging Staked Assy.	1

Ref. No.	Part No.	Description	No. Used
66	3272-9	Cotter Pin	2
67	3-5442	Throttle Control	1
68	32104-72	Screw	2
69	3-5425	Rod, Brake	1
70	3-8040	Foot, Pedal W. A.	1
71	3290-255	Hairpin Cotter	4
72	283-15	Pin	4
73	32146-4	Stop Nut	2
74	3-5475	Plate, Steering	1
75	2411-11	Ball Socket	2
76	3-5473	Drag Link	1
77	3-8070	Wheel Spindle W. A. R. H. w/Bushing	1
78	3-8060	Wheel Spindle W. A. L. H. w/Bushing	1
79	3256-28	Washer	2
80	256-144	Bushing	4
81	241-66	Wheel Assembly (Includes two 256-144 Bushings)	2
82	3-5472	Bushing	2
83	3256-29	Washer	2
84	3-3391	Washer	2
85	3211-4	Capscrew	2
86	3-5576	Hub Cap	2
87	32104-26	Screw	4
88	3-5481	Tie Rod	1
89	32121-16	Roll Pin	2
90	3217-9	Nut	1
91	32120-102	Snap Ring	2
92	2410-15	Plug Button	1
93	3-8080	Front End W. A.	1
94	32120-94	Snap Ring	1
95	32104-71	Self Tap Screw	6
96	3-5482	Cover Shield	1
97	3-5583	Decal	1
98	32121-30	Roll Pin	1
99	3-5753	Tube, Steering	1
100	3-5476	Spindle, Steering	1
101	3-5474	Spring	1
102	3-8250	Lock, Pivot W. A.	1
103	233-8	Knob	1
104	32120-101	Snap Ring	1
105	322-17	Capscrew	1
106	3-5478	Shaft, Steering	1
107	32121-12	Roll Pin	1
108	3-8020	Wheel, Steering W. A.	1
109	3-7990	Sprocket W. A.	2
110	3219-2	Nut	8
111	3-5756	Decal (Cutter)	1
112	3-5675	Decal (Shift)	1
113	3-5585	V-Belt	1
114	3253-7	Lockwasher	1
115	3-1058	Decal	1
116	3-3258	Bushing	2
117	3-5428	Belt Retainer	1
118	3295-12	Rivet	1
119	302-16	Zerk	1
120	2811-4	Street Ell	1
121	288-2	Pipe Cap	1
122	3-5778	Nipple	1
123	3-5813	Plate, Belt Guide	1
124	3-5811	Rod, Belt Guide	1
125	351-17	Seat Back	1
126	351-16	Seat Frame	1
127	351-18	Seat	1

ENGAGING ASSEMBLY

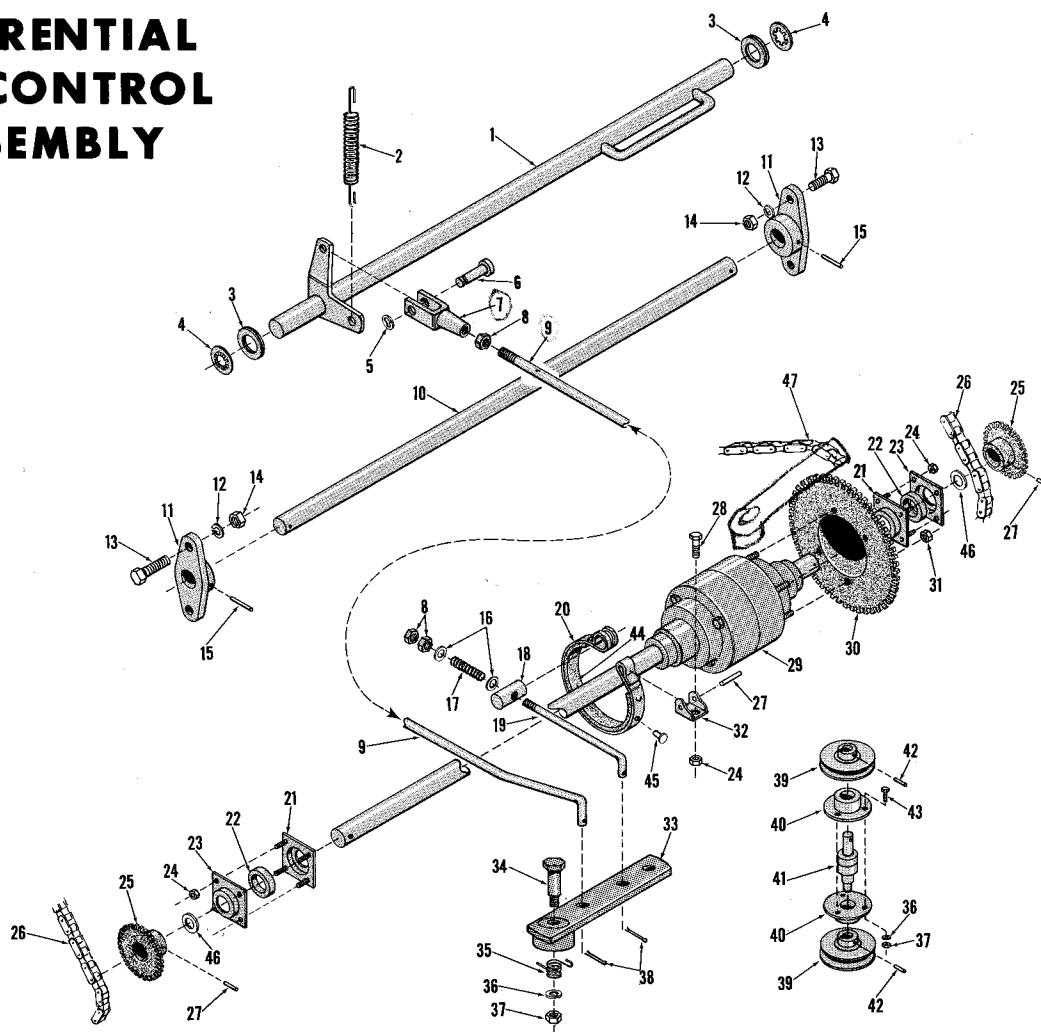


Drawing No. 216-4

Ref. No.	Part No.	Description	No. Used
1	32120-72	Snap Ring	3
2	256-137	Nyliner	4
3	3-7980	Bracket, Riveted Assy.	1
4	3-5398	Sprocket	1
5	3-5463	Shaft, Drive	1
6	3-7890	Retainer, Bearing W. A.	2
7	251-172	Bearing	2
8	3-5403	Retainer, Bearing	2
9	3214-2	Hex Nut	8
10	3-8010	Bracket, Engaging W. A.	1
11	3-5467	Washer, S. P.	1
12	3289-14	Screw	1
13	3255-12	Washer, Shakeproof Lock	1
14	32149-1	Nut	4
15	2411-11	Ball Socket	1
16	3-5461	Disc Assembly	1
17	3-7870	Hub Staked Assembly	1
18	32146-4	Stop Nut	2
19	323-5	Capscrew	4
20	3-5458	Retainer	2
21	3253-21	Lockwasher	4
22	3217-7	Hex Nut	4
23	32121-12	Roll Pin	1
24	3-5462	Shaft, Dead	1

Ref. No.	Part No.	Description	No. Used
25	2411-10	Ball Socket	1
26	3220-2	Jam Nut	1
27	3-5444	Rod, Ball Connector	1
28	3-7880	Sprocket & Hub Staked Assembly with Bushings	1
29	302-40	Zerk	1
30	3-7980	Arm, Sliding, Pivot Assy.	1
31	3-7910	Support W. A.	1
32	3-8840	Snap Ring	1
33	3-8850	Pin, Yoke	1
34	32120-104	"E" Ring	1
35	282-2	Yoke	1
36	3-5433	Rod	1
37	32120-103	E-Ring	1
38	3253-3	Lockwasher	6
39	321-3	Capscrew	6
40	3-5402	Roller, Pivot	1
41	3272-2	Cotter Pin	1
42	3-5514	Chain	1
43	3-5512	Chain	1
44	3-5578	Washer	1
45	256-136	Bushing	2
46	3256-2	Washer	2
47	3-5815	Guard, Chain	1

DIFFERENTIAL AND CONTROL ASSEMBLY



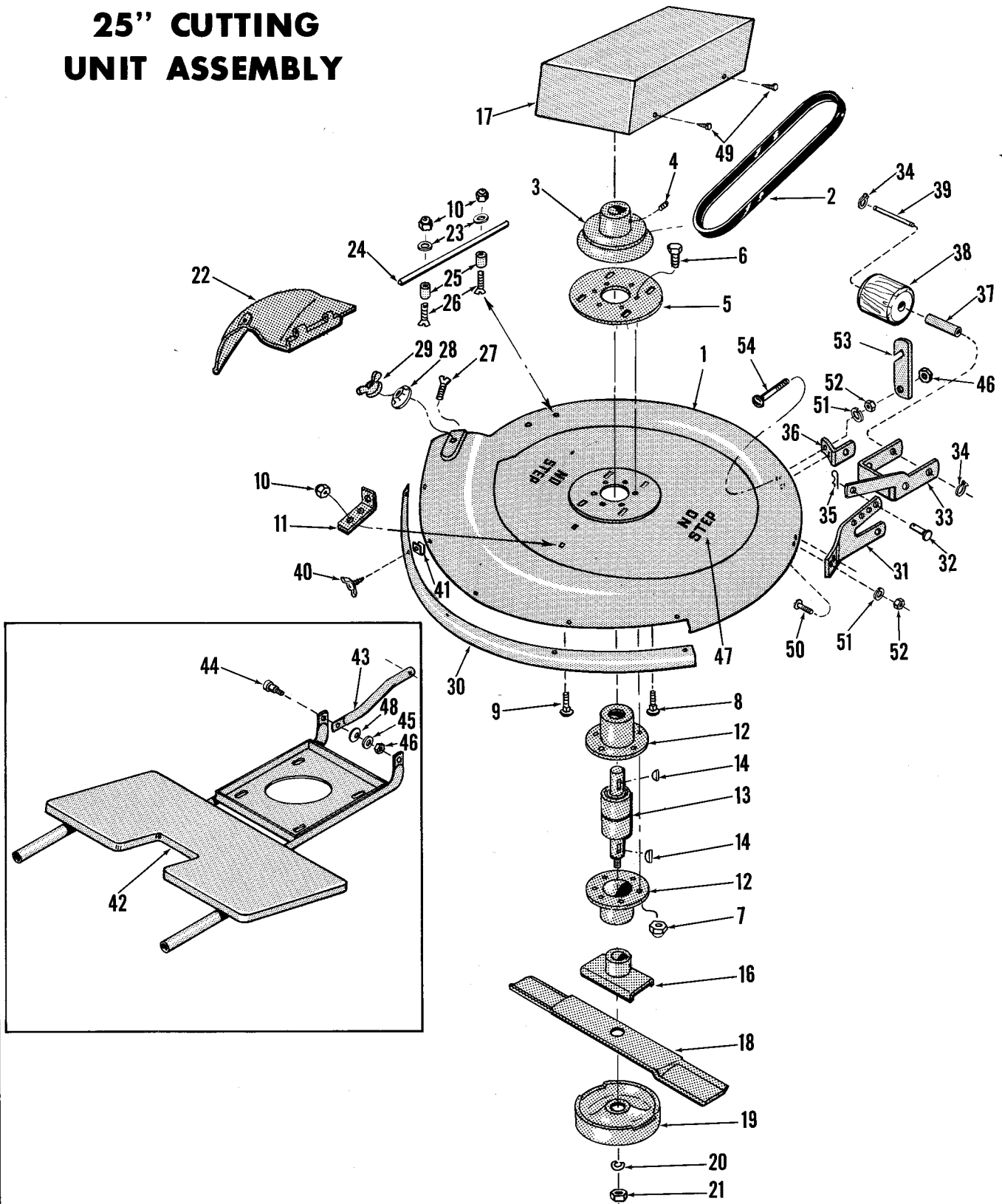
Drawing No. 216-5

Ref. No.	Part No.	Description	No. Used
1	3-7970	Rod, Movement W. A.	1
2	3-5511	Spring	1
3	256-134	Nyliner	2
4	32120-98	Snap Ring	2
5	32120-35	"E" Ring	1
6	3-5772	Yoke Pin	1
7	282-2	Yoke	1
8	3220-2	Jam Nut	3
9	3-5451	Rod, Engaging	1
10	3-5443	Axle Shaft	1
11	3-5458	Retainer, Shaft	2
12	3253-21	Lockwasher	4
13	323-5	Cap screw	4
14	3217-7	Hex Nut	4
15	32121-12	Roll Pin	2
16	3256-23	Washer	2
17	3-5507	Spring	1
18	3-5631	Pin	1
19	3-5445	Rod, Brake	1
20	3-7850	Band, Brake, Riveted Assy.	1
21	3-7890	Retainer, Bearing W. A.	2
22	251-172	Bearing	2
23	3-5403	Retainer, Bearing	2
24	32149-2	Hex Nut	9

Ref. No.	Part No.	Description	No. Used
25	3-5434	Sprocket	2
26	3-5513	Chain	2
27	32121-59	Roll Pin	3
28	321-3	Cap screw	1
*29	3-5547	Differential Assembly	1
30	3-7990	Sprocket Assy.	1
31	32146-4	Stop Nut	4
32	3-5431	Bracket, Brake Band	1
33	3-7940	Arm, Engaging	1
34	3-5435	Shoulder Bolt	1
35	3-5757	Spring	1
36	3253-4	Lockwasher	4
37	3217-6	Hex Nut	4
38	3272-9	Cotter Pin	2
39	244-62	Pulley	2
40	3-5432	Bearing Housing	2
41	3-5436	Spindle Bearing	1
42	32121-12	Roll Pin	2
43	322-3	Cap screw	3
44	3-5388	Lining, Brake	1
45	3295-20	Rivet	9
46	K-313	Washer	2-4
47	3-5514	Chain	1

* For parts breakdown, see Page 7.

25" CUTTING UNIT ASSEMBLY



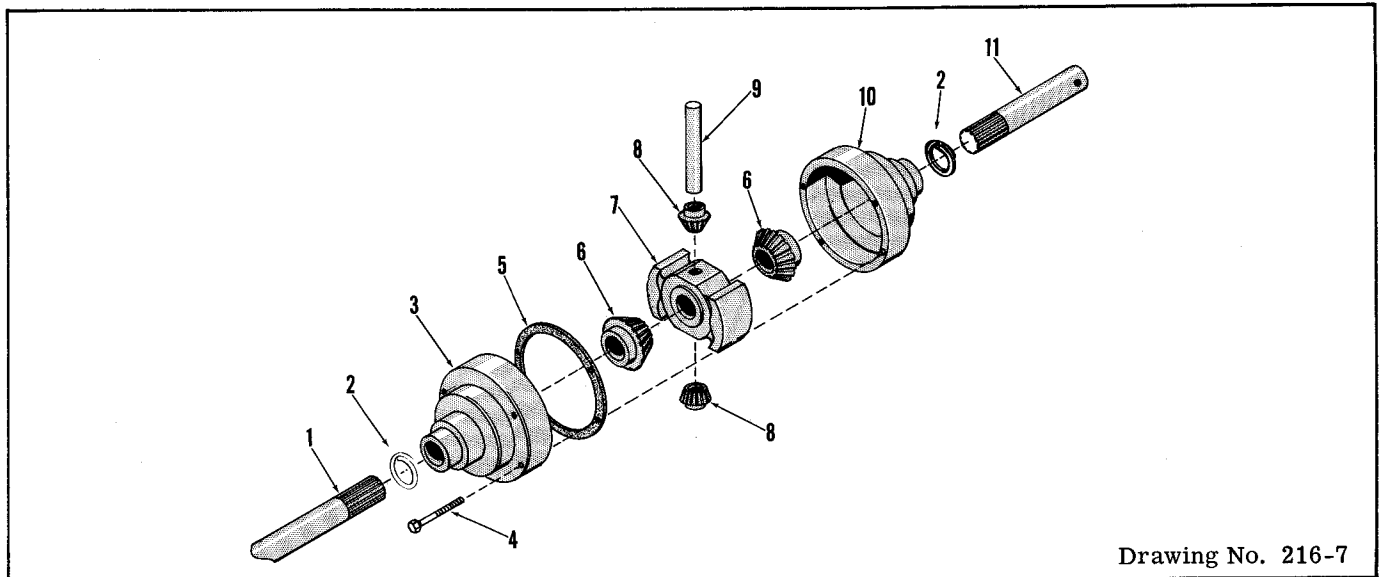
Drawing No. 216-6

25" CUTTING UNIT PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-5571	Main Housing	1
2	271-97	Belt, Drive	1
3	3-5262	Pulley, Cutter Drive	1
4	3243-3	Set Screw	2
5	3-2118	Plate, Reinforcement	1
6	322-5	Screw	6
7	3296-29	Nut	6
8	3231-12	Bolt	2
9	3229-11	Bolt	2
10	3296-8	Nut	4
11	3-2121	Bracket, Belt Adj.	1
12	3-1931	Housing, Bearing	2
13	3-2963	Spindle Bearing	1
14	3257-23	Key, Woodruff	2
16	3-5220	Blade Retainer & Hub	1
17	3-5537	Guard	1
18	3-3804	Cutter Bar	1
19	3-3803	Anti-Scalp Cup	1
20	3253-7	Lockwasher	1
21	32127-41	Locknut	1
22	3-0674	Deflector	1
23	3256-2	Cut Washer	2
24	3-1176	Hinge Pin	1
25	3-5528	Spacer	2
26	32108-7	Screw	2
27	32108-21	Screw	1
28	3290-147	Pal Nut	1
29	3-2625	Wing Nut	1

Ref. No.	Part No.	Description	No. Used
30	3-5536	Cover - Housing	1
31	3-5535	Bracket, Pivot L. H.	1
*	3-5534	Bracket, Pivot R. H.	1
32	3-0787	Pin	2
33	3-8130	Pivot W. A., R. H.	1
*	3-8140	Pivot W. A., L. H.	1
34	32120-94	Snap Ring	4
35	3290-255	Hair Pin Cotter	2
36	3-5527	Bracket, Support	2
37	3-0785	Spacer	2
38	3-0786	Roller	2
39	3-5581	Pin, Pivot	2
40	3288-7	Wing Screw	5
41	3290-192	Speed Nut	5
42	3-8110	Support, Cutter W. A.	1
43	3-5532	Tube, Push	2
44	3-5561	Bolt, Shoulder	2
45	3256-24	Washer	2
46	32146-5	Stop Nut	4
47	3-5582	Decal	2
48	3290-213	Washer, Spring	2
49	32104-60	Screw, Self Tap	4
50	32122-33	Screw, Truss Head	6
51	3253-4	Lockwasher	10
52	3217-6	Nut, Hex	8
53	3-5798	Hook, Transport	2
54	32122-34	Screw, Truss Head	2

DIFFERENTIAL ASSEMBLY



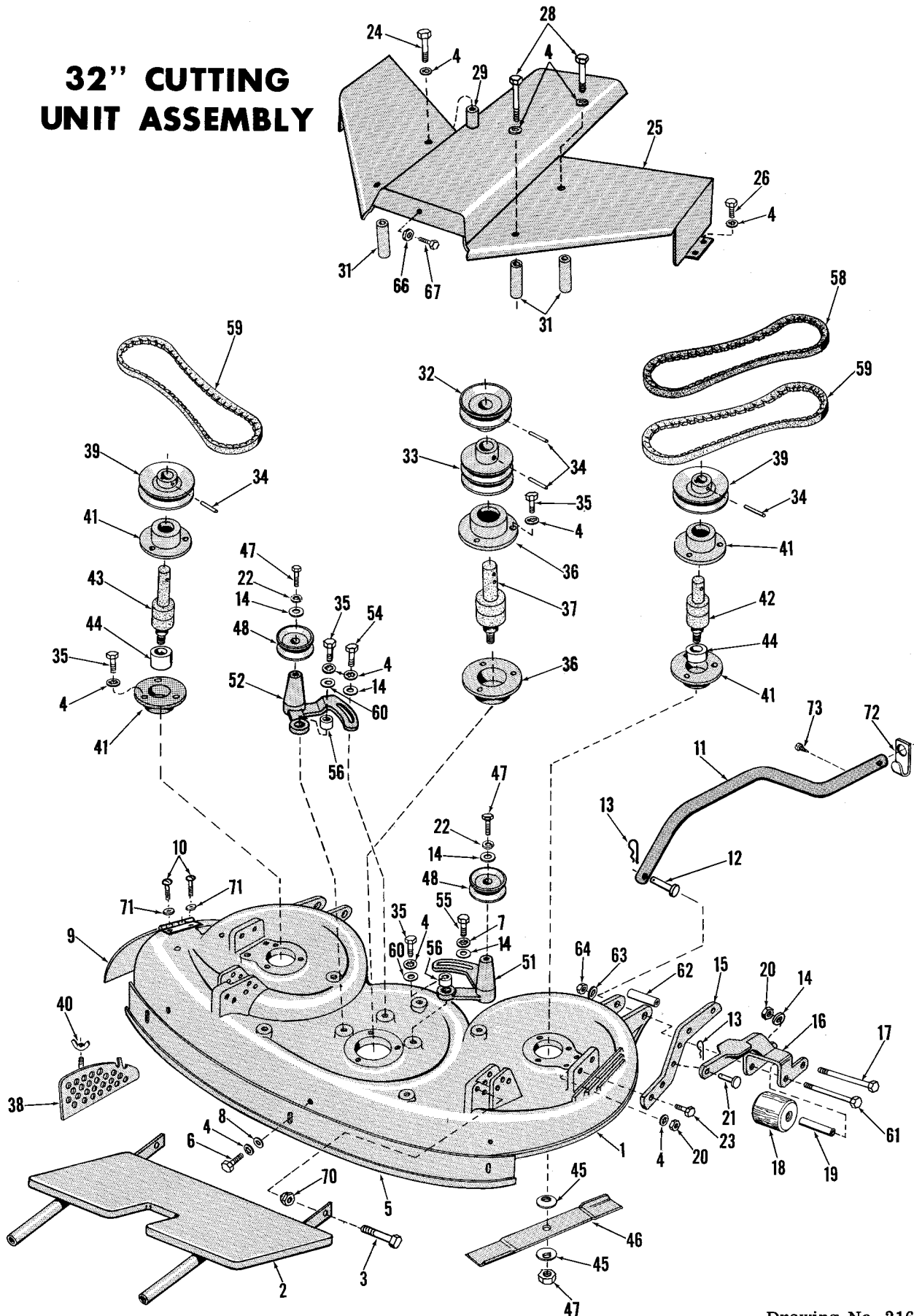
PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	2119-170	Axle - Long	1
2	2119-167	Snap Ring	2
3	2119-166	Housing	1
4	3210-12	Hex Head Bolt	4
5	2119-173	Gasket	1
6	2119-168	Bevel Gear	2

Ref. No.	Part No.	Description	No. Used
7	2119-172	Differential Cross	1
8	2119-174	Bevel Pinion	2
9	2119-171	Pinion Shaft	1
10	2119-165	Housing - Tapped	1
11	2119-169	Axle - Short	1

3-766 3-7624

32" CUTTING UNIT ASSEMBLY



Drawing No. 216-8

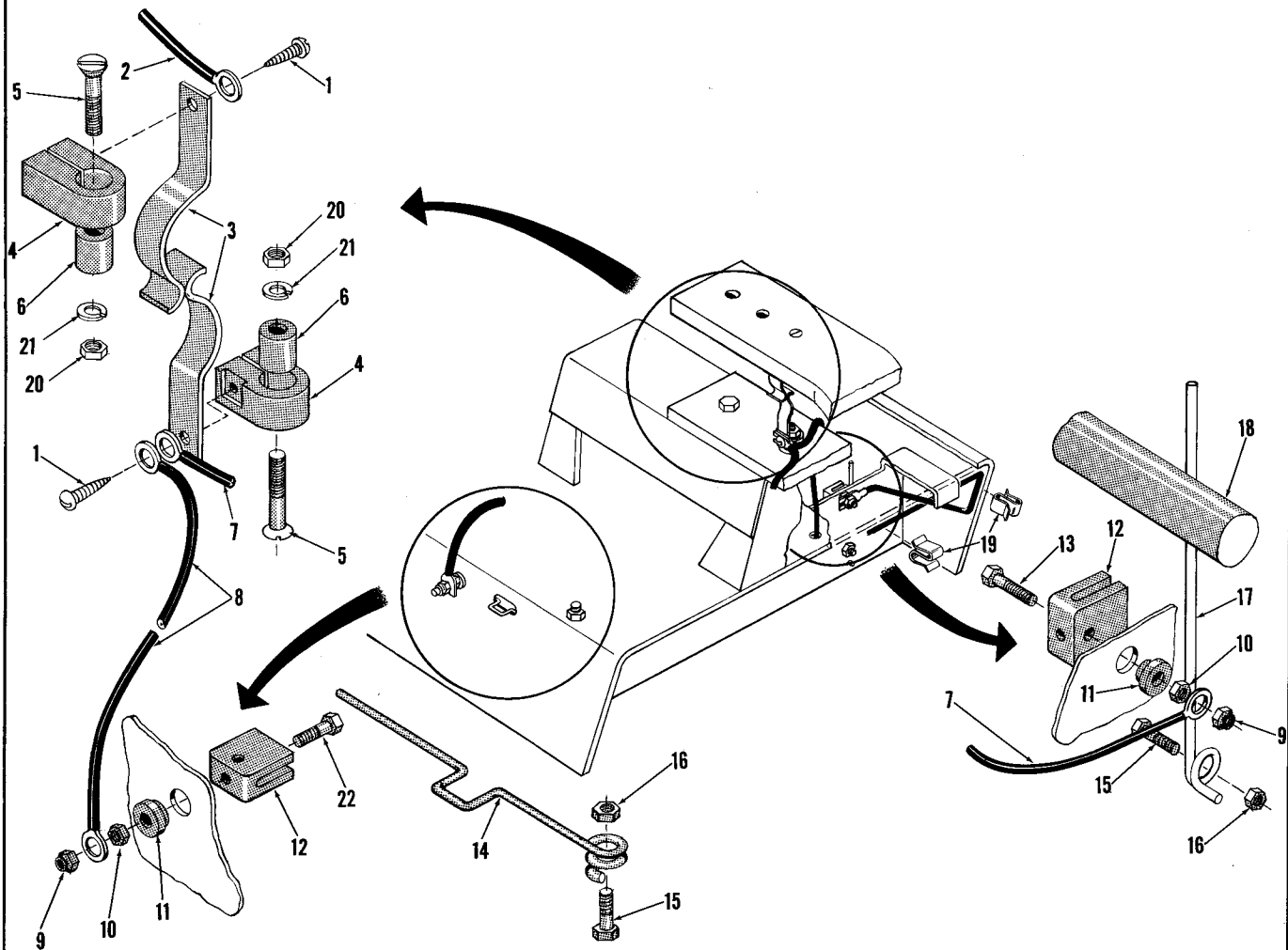
32" CUTTING UNIT PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	3-5657	Housing	1
2	3-8450	Foot Rest W. A.	1
3	3211-11	Cap Screw	4
4	3254-2	Lockwasher, Special	29
5	3-5643	Front Guard	1
6	322-1	Screw	3
7	3254-6	Washer	1
8	3256-23	Washer	3
9	3-1930	Chute Cover W. A.	1
10	32122-20	Screw	2
11	3-5641	Tube, Push - L. H.	1
*	3-5642	Tube, Push - R. H.	1
12	3-0790	Pin	2
13	3290-255	Hair Pin Cotter	4
14	3256-3	Washer	2
15	3-5633	Bracket, Adjusting	2
16	3-0783	Bracket, Wheel	2
17	322-19	Screw	2
18	3-0786	Roller	2
19	3-0785	Spacer	2
20	3217-6	Nut	6
21	3-0787	Pin	2
22	3253-21	Lockwasher	4
23	322-4	Screw	4
24	32104-37	Screw	1
25	3-8440	Belt Guard	1
26	32104-32	Screw	4
28	32104-47	Screw	3
29	3-3992	Spacer	1
31	3-0802	Spacer	3
32	3-2081	Pulley	1
33	3-0970	Pulley	1

Ref. No.	Part No.	Description	No. Used
34	32121-6	Roll Pin	3
35	32104-28	Screw	11
36	3-0776	Bearing Housing	2
37	3-0964	Bearing & Shaft	1
38	3-1284	Leaf Mulcher	1
39	3-2244	Pulley	2
40	32103-2	Wing Nut	1
41	3-0777	Bearing Housing	4
42	3-0962	Bearing & Shaft - L. H.	1
43	3-0961	Bearing & Shaft - R. H.	1
44	3-1120	Stub Collar	2
45	3290-220	Washer	6
46	3-0963	Blade	3
47	32127-34	Nut	3
48	3-3945	Pulley, Idler	2
51	3-3943	Lever, Belt Tightener-Left	1
52	3-3944	Lever, Belt Tightener-Right	1
54	32104-23	Screw	1
55	323-4	Capscrew	1
56	3-0780	Spacer	2
58	3-1560	"V" Belt	1
59	271-73	"V" Belt	2
60	3256-2	Washer	3
61	323-21	Bolt	2
62	3-0784	Spacer	2
63	3254-6	Lockwasher	2
64	3218-3	Jam Nut	2
66	3220-3	Jam Nut	1
67	3211-4	Screw	1
70	3296-6	Nut	4
71	3254-8	Lockwasher, Int. Shakeproof	2
72	3-5801	Transport Hook	2
73	32104-26	Self Tap Screw	2

*Not Illustrated

INTERLOCK ASSEMBLY



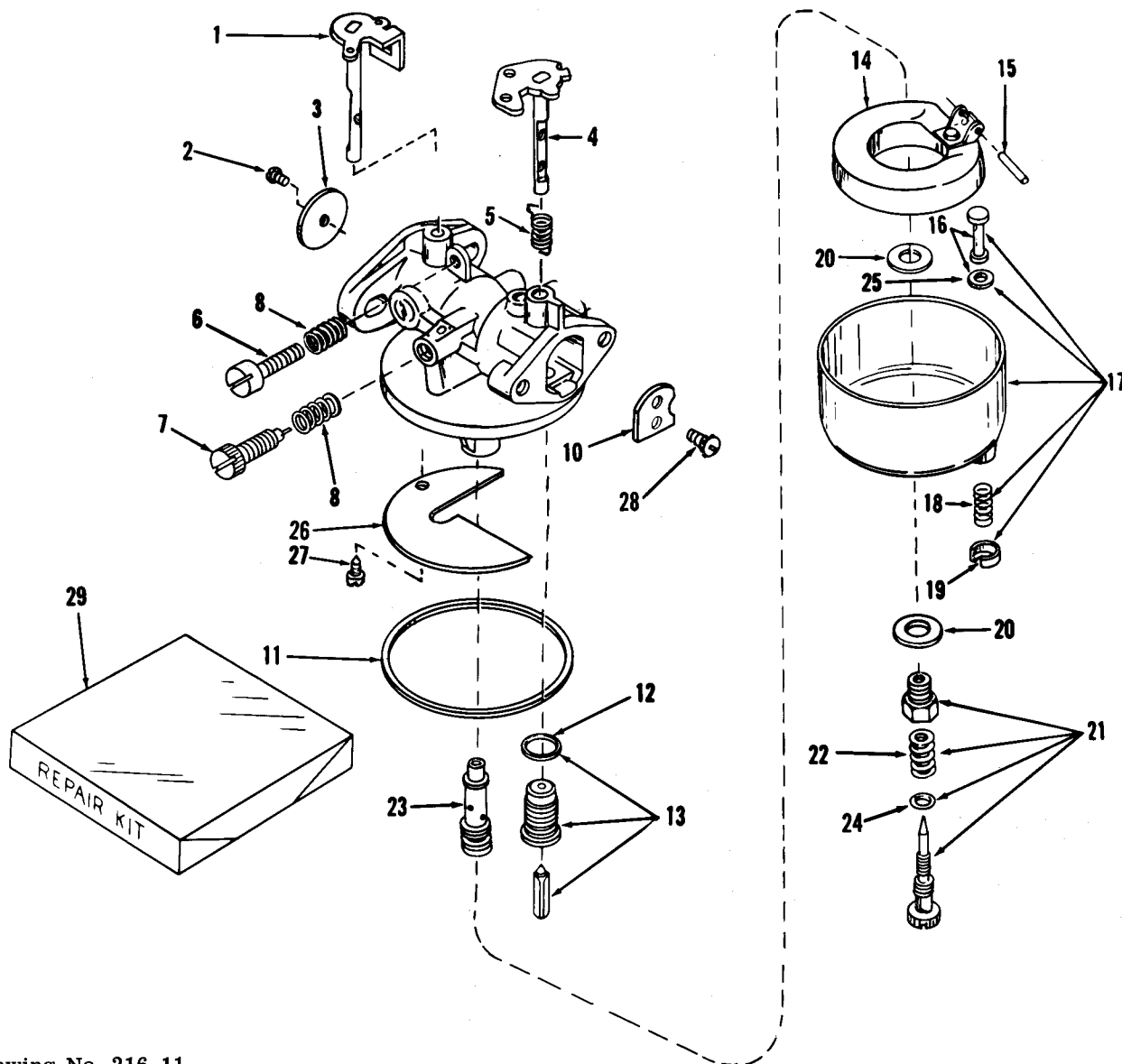
Drawing No. 216-10

PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	32104-73	Self Tap Screw	2
2		Wire (Engine Mag)	
3	3-5693	Spring	2
4	3-5686	Clamp	2
5	32108-24	Screw	2
6	3-4776	Spacer	2
7	3-5692	Wire, 27" Long	1
8	3-5691	Wire, 12" Long	1
9	3296-9	Stop Nut	2
10	3217-29	Nut	2
11	3-5687	Washer	2

Ref. No.	Part No.	Description	No. Used
12	3-5644	Clip	2
13	3286-4	Screw	1
14	3-5688	Spring	1
15	321-3	Cap screw Plt.	2
16	32149-2	Keys Nut	2
17	3-5645	Spring	1
18	3-7950	Lever Assembly	1
19	2412-9	Tinnerman S-Clip	2
20	3217-6	Hex Nut	2
21	3253-4	Lockwasher	2
22	3286-3	Screw	1

CARBURETOR #630998 (4 H.P.) & #630984 (5 H.P.)

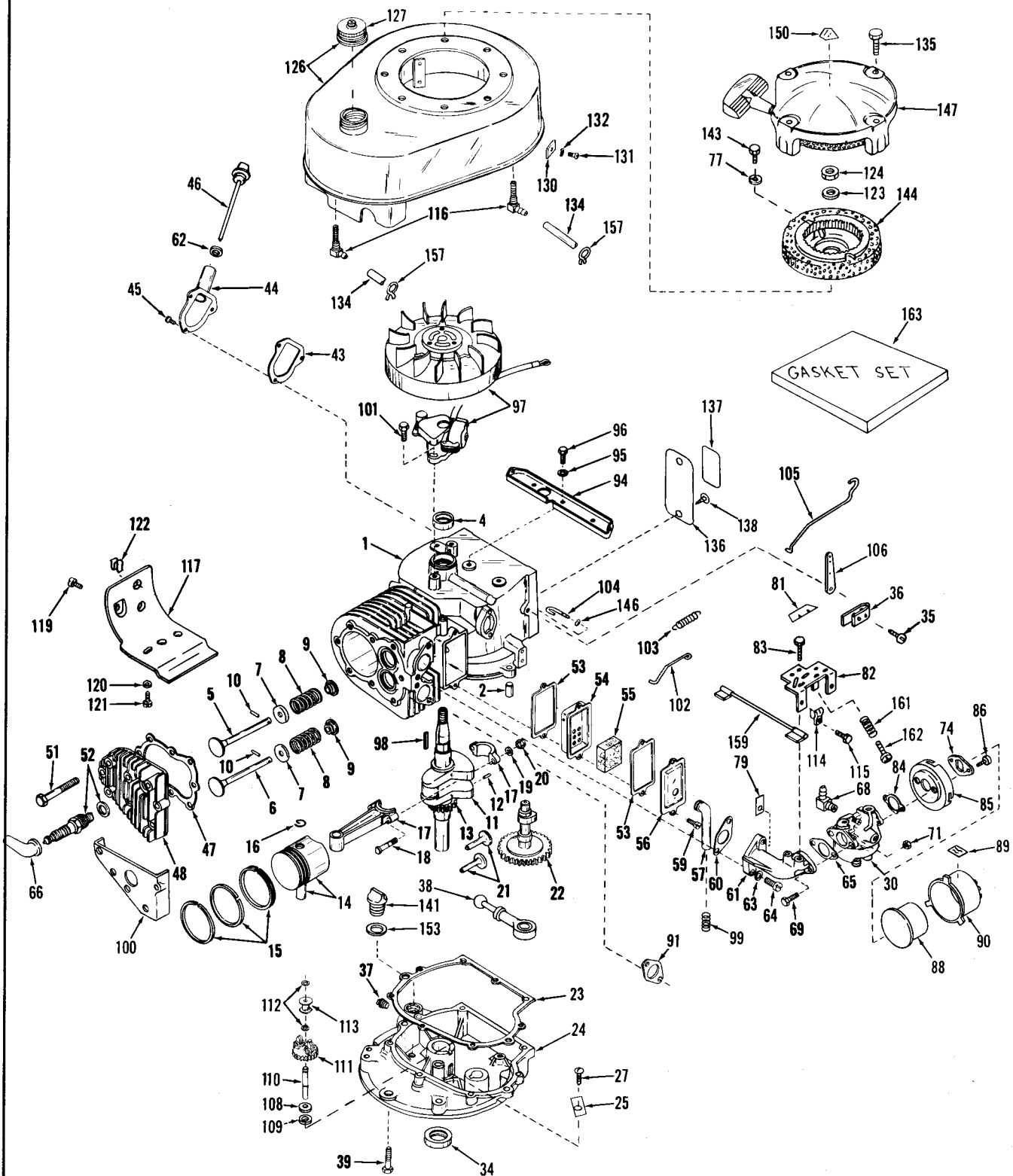


Drawing No. 216-11

Ref. No.	Part No.	Description	No. Used
	630998	Complete Carb. Assy. (4 H.P.)	1
	630984	Complete Carb. Assy. (5 H.P.)	1
1	31347	Shaft and Lever, Throttle	1
2	30357	Screw	1
3	30726	Shutter, Throttle	1
4	31374	Shaft and Lever, Choke	1
5	31375	Spring, Choke Return	1
6	630605	Screw, Throttle Adjusting	1
7	*27112	Needle, Idle	1
8	27114	Spring, Idle	2
10	30927	Shutter, Choke	1
11	*30356	Gasket, Body-to-Bowl	1
12	27108	Gasket, Float Valve Seat	1
13	*29154	Valve, Seat and Gasket, Matched Float	1
14	30354	Float Assembly	1
15	*27106	Shaft, Float	1

Ref. No.	Part No.	Description	No. Used
16	27136	Stem and Gasket Assembly, Bowl Drain	1
17	30350	Bowl and Drain Assy., Fuel	1
18	27137	Spring, Bowl Drain	1
19	27138	Retainer, Bowl Drain Stem	1
20	*27110	Gasket, Bowl-to-Body	2
21	*28945	Needle Assy., Power Adj.	1
22	630786	Spring, Power Needle	1
23	30355	Nozzle, Main	1
24	27544	"O" Ring	1
25	27554	Gasket, Bowl Drain	1
26	30815	Baffle, Bowl	1
27	30817	Screw, Self Tap	1
28	630606	Screw	2
29	30359	Repair Kit (Includes Items Marked *)	1

ENGINE #V40-50001 (4 H.P.) & #V50-60001 (5 H.P.)



ENGINE PARTS LIST

Ref. No.	Part No.	Description	No. Used
1	31491	Cylinder Assembly, 4 H. P. (Includes Nos. 2 and 4)	1
1	31371	Cylinder Assembly, 5 H. P. (Includes Nos. 2 and 4)	1
2	27652	Pin, Dowel	2
4	*27876	Seal, Oil	1
5	27877	Valve, Intake (Standard)	1
5	27879	Valve, Intake (1/32" oversize) (Includes No. 9)	1
6	27878	Valve, Exhaust (Standard)	1
6	27880	Valve, Exhaust (1/32" oversize) (Includes No. 9)	1
7	27882	Cap, Upper Valve Spring	2
8	27881	Spring, Valve	2
9	27883	Cap, Lower Valve Spring (Standard)	2
9	30964	Cap, Lower Valve Spring (1/32" oversize)	2
10	20810	Pin, Valve Spring Retaining	2
11	28915	Crankshaft Assembly (Includes Nos. 12 and 13)	1
12	29783	Pin, Crankshaft Gear	1
13	27884	Gear, Crankshaft	1
14	28739	Piston & Pin Assy., 4 H. P. (Standard) Incl. 2 of No. 16	1
14	27886	Piston & Pin Assy., 4 H. P. (.010 o' size) Incl. 2 of No. 16	1
14	27887	Piston & Pin Assy., 4 H. P. (.020 o' size) Incl. 2 of No. 16	1
14	30662	Piston & Pin Assy., 5 H. P. (Standard) Incl. 2 of No. 16	1
14	30663	Piston & Pin Assy., 5 H. P. (.010 o' size) Incl. 2 of No. 16	1
14	30664	Piston & Pin Assy., 5 H. P. (.020 o' size) Incl. 2 of No. 16	1
15	27889	Ring Set, Piston, 4 H. P. (Standard)	1
15	27890	Ring Set, Piston, 4 H. P. (.010 oversize)	1
15	27891	Ring Set, Piston, 4 H. P. (.020 oversize)	1
15	28935	Ring Set, Piston, 5 H. P. (Standard)	1
15	28936	Ring Set, Piston, 5 H. P. (.010 oversize)	1
15	28937	Ring Set, Piston, 5 H. P. (.020 oversize)	1
16	27888	Ring, Piston pin retaining	2
17	27892	Rod Assy., Connecting (Incl. Nos. 18, 19, & 20)	1
18	21718	Bolt, Connecting rod	2
19	26073	Washer, Connecting rod bolt	2
20	28264	Nut	2
21	27893	Lifter, Valve	2
22	31354	Camshaft	1
23	*30684	Gasket, Mounting flange	1
24	31471	Flange Assy., Mounting (Incl. Nos. 25, 27, 34, 37, 141, & 153)	1
25	31355	Screen, Oil filter	1
27	29117	Screw	1
30	630998	Carburetor, 4 H. P.	1

Ref. No.	Part No.	Description	No. Used
30	630984	Carburetor, 5 H. P.	1
34	*27897	Seal, Oil	1
35	650548	Screw	1
36	31335	Clamp, Governor Lever	1
37	27642	Plug, Oil Drain, Sq. Hd.	1
38	31356	Pump Assembly, Oil	1
39	650488	Screw	7
43	28747	Gasket, Filler Tube, 5 H. P.	1
44	29759	Tube, Oil Filler, 5 H. P.	1
45	28749	Screw, 5 H. P.	3
46	29760	Dipstick, Oil, 5 H. P.	1
47	*28938	Gasket, Cylinder Head	1
48	30938	Head, Cylinder	1
51	28261	Screw	8
52	21943	Plug, Spark (Champion J-8 or Equivalent)	1
53	*27896	Gasket, Valve Chamber Cover	2
54	28423	Body Assembly, Breather	1
55	28424	Element, Breather	1
56	28425	Cover, Valve Chamber	1
57	27627	Tube, Breather	1
59	650128	Screw	2
60	*27915	Gasket, Intake Pipe	1
61	31512	Pipe, Intake	1
62	*29673	Gasket, Dipstick, 5 H. P.	1
63	8274	Lockwasher	2
64	29440	Screw	2
65	*27913	Gasket, Carburetor	1
66	27276	Cover, Spark Plug	1
68	29441	Fitting, Fuel	1
69	6201	Screw	2
71	29752	Nut	2
74	30767	Spacer, Air Cleaner	1
77	8303	Lockwasher	1
79	31560	Clip, Fuel Line	1
81	31399	Decal, Speed Control	1
82	31359	Control Assembly, Speed	1
83	30200	Screw	2
84	*27272	Gasket, Air Cleaner Elbow	1
85	30673	Bracket, Air Cleaner	1
86	28820	Screw	2
88	31310	Element, Air Cleaner	1
89	30002	Decal, Air Cleaner	1
90	30605	Body, Air Cleaner	1
91	*27930	Gasket, Muffler	1
94	28738	Bracket, Blower Housing (Includes Nos. 131 & 132)	1
95	8303	Lockwasher	2
96	650216	Screw	2
97	610689	Magneto, Tecumseh	1
98	30884	Key, Flywheel	1
99	30937	Spring, Coil	1
100	30939	Cover, Cylinder Head	1
101	650489	Screw	2
102	31362	Link, Governor Spring	1
103	31361	Spring, Governor	1
104	30669	Rod, Governor (Incl. No. 146)	1
105	31360	Link, Throttle	1
106	31357	Lever, Governor	1
108	30590	Washer, Flat	1
109	29335	Spacer	1
110	30668	Shaft, Mechanical Governor	1

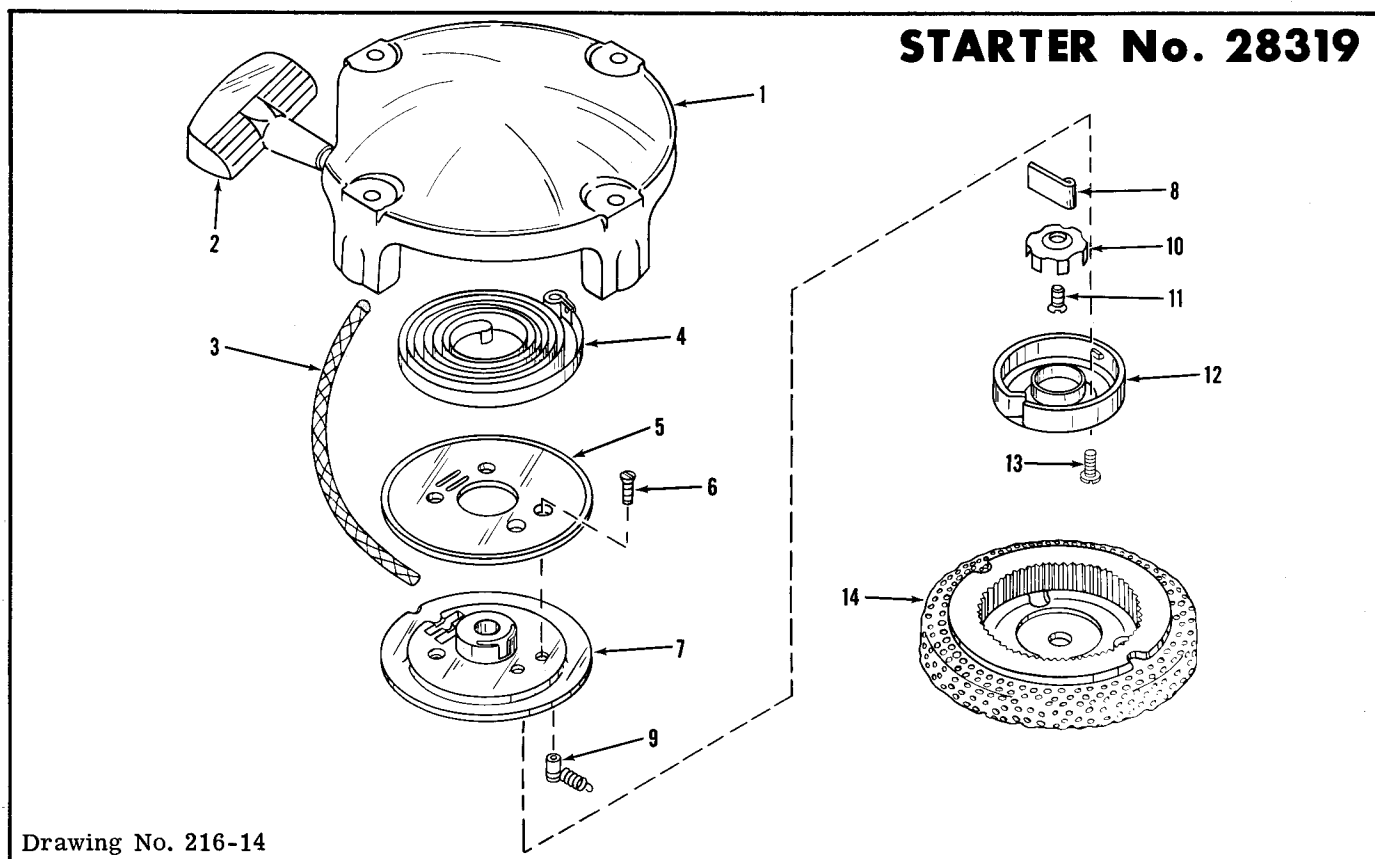
* Included in Gasket Set, Ref. No. 163.

(Continued Next Page)

ENGINE PARTS LIST (Continued)

Ref. No.	Part No.	Description	No. Used
111	30591	Gear Assembly, Governor	1
112	29193	Ring, Retaining	2
113	30588	Spool, Governor	1
114	27793	Clip, Conduit	1
115	28942	Screw	1
116	28584	Fitting, Fuel Strainer	2
117	27928	Extension, Blower Housing	1
119	650128	Screw	1
120	8303	Lockwasher	1
121	650306	Screw	1
122	27275	Clip, Hi Tension Wire Retaining	1
123	650490	Washer, Belleville	1
124	8116	Nut	1
126	31363	Tank Assembly, Fuel (Includes No. 127)	1
127	410224	Cap, Fuel Filler	1
130	28511	Plate, Securing	2
131	29596	Screw	2

Ref. No.	Part No.	Description	No. Used
132	8274	Lockwasher	2
134	30705	Line, Fuel	2
135	650547	Screw	4
136	31345	Plate, Identification	1
137	31398	Decal, Name & Instruction	1
138	28670	Screw, Drive	2
141	27625	Plug, Oil Filler, 4 H. P.	1
143	650216	Screw	1
144	29709	Hub and Screen	1
146	28277	Washer, Flat	1
147	28319	Starter, Rewind	1
150	30595	Decal, Ezee Start	1
153	*29673	Gasket, Oil Filler, 4 H. P.	1
157	26460	Clamp, Fuel Line	2
159	31489	Wire, Ground	1
161	31342	Spring, Compression	1
162	650549	Screw	1
163	31372	Gasket Set (Includes Items Marked *)	1



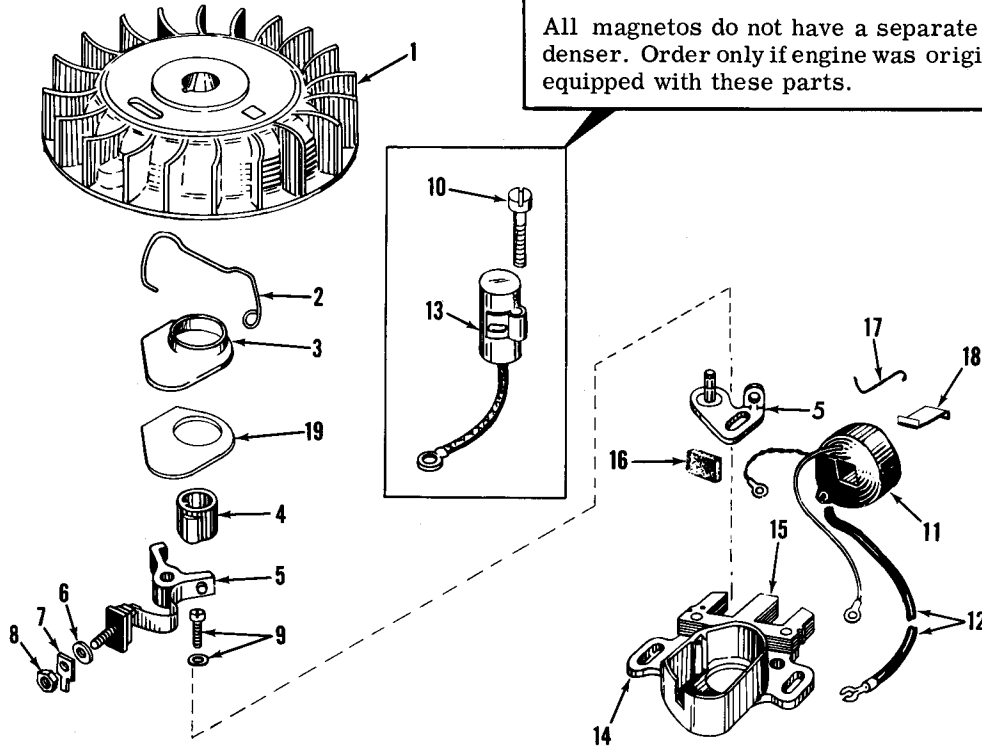
Ref. No.	Part No.	Description	No. Used
	28319	Starter Assy. (Incl. Nos. 1-14)	1
1	28320	Cover	1
2	590288	Handle	1
3	28288	Rope	1
4	28289	Spring, Rewind	1
5	28287	Pulley, Sheave	1
6	590275	Screw	4
7	28286	Hub, Pulley	1

Ref. No.	Part No.	Description	No. Used
8	590148	Dog, Starter	1
9	27515	Bushing and Spring Assy.	1
10	590151	Brake	1
11	590150	Screw, Brake	1
12	590153	Retainer	1
13	590152	Screw	2
14	29709	Hub and Screen Assembly	1

MAGNETO No. 610689

NOTE:

All magnetos do not have a separate condenser. Order only if engine was originally equipped with these parts.



Ref. No.	Part No.	Description	No. Used
1	30555	Flywheel	1
2	30551	Spring, Breaker Box	1
3	30550	Cover, Breaker Box Dust	1
4	30885	Cam, Breaker	1
5	30547	Breaker Assembly	1
6	610385	Washer, Terminal	1
7	30843	Tab, Ground Terminal	1
8	610408	Nut, Terminal	1
9	29181	Screw and Washer, Breaker	1
10	610593	Screw, Condenser Fastening	1

Ref. No.	Part No.	Description	No. Used
11	*30560	Coil Assy. (Incl. Ref. Nos. 12, 18)	1
12	30554	Wire, Lead	1
13	30548	Condenser	1
14	30545	Core and Plate	1
15	30561	Stator Assembly (Includes Ref. Nos. 5 thru 14, 16, 17, 18)	1
16	30549	Felt, Cam Wiper	1
17	31311	Clip, Coil Locking	1
18	29629	Spring, Coil Wedge	1
19	30883	Gasket, Dust Cover	1

* Replacement coil does not require condenser. See instructions included with replacement coil.

Warranty

The Manufacturer warrants each new piece of equipment sold to be free of defects in material and workmanship. For one year from the purchase date of consumer line equipment or 45 days if sold for commercial use, Toro Manufacturing Corporation will repair or replace for the original purchaser, free of charge, through any Authorized Service Dealer, any part or parts found at our factory in Minneapolis, Minnesota, to be defective under normal use and service. All institutional equipment is warranted for ninety (90) days from the purchase date.

This Warranty does not obligate the Manufacturer to bear the cost of transportation charges in con-

nection with the replacement or repair of defective parts -- nor shall it apply to a machine upon which repairs or alterations have been made, unless authorized by the manufacturer.

This Warranty does not include nor cover standard accessories produced by other manufacturers. Such accessories have separate warranties by their respective manufacturers . . . and repair or exchange will be made on the basis of such warranties, and the policies authorized by them shall be adhered to.

This Warranty is in lieu of all other warranties expressed or implied.

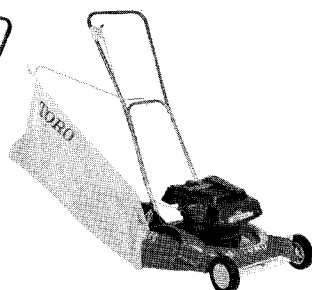
TORO POWER MOWERS

Toro power mowers and Power Handle implements are designed and built to give years of precision performance . . . to make them "the best you can buy." And there's over 40 years of manufacturing experience to back them up. One of Toro's most important objectives — and one which has

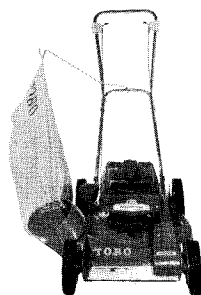
helped make Toro the world's largest manufacturer of power mowers — is to provide the customer with complete local service and parts. This Toro has done through an extensive chain of service dealers, factory-trained to give you the most careful, competent care for your Toro work-saver.



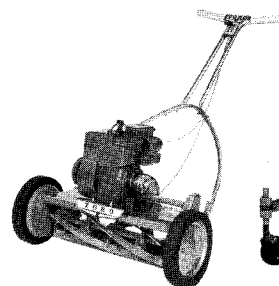
19" WHIRLWIND



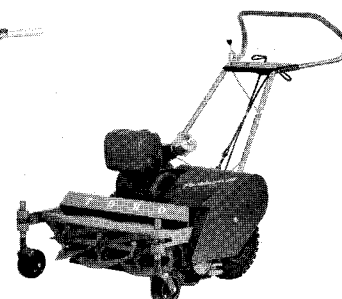
21" HAND PROPELLED WHIRLWIND



21" SELF-PROPELLED WHIRLWIND



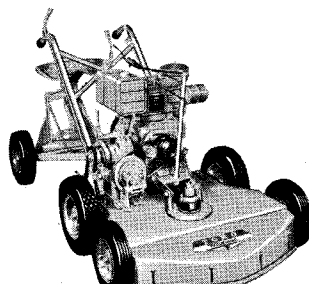
21" SPORTLAWN



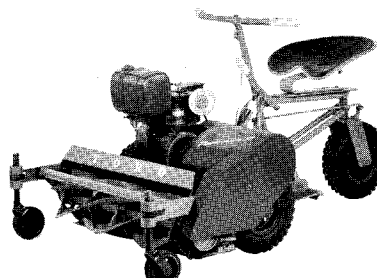
25" PARKLAWN



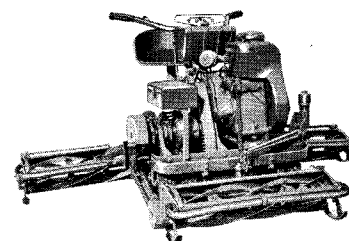
RED RIDER



31" GRASSKING



30" PARKLAWN



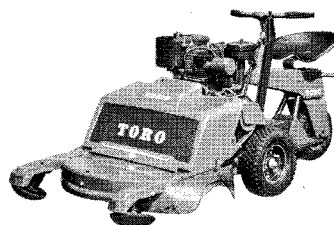
76" PROFESSIONAL



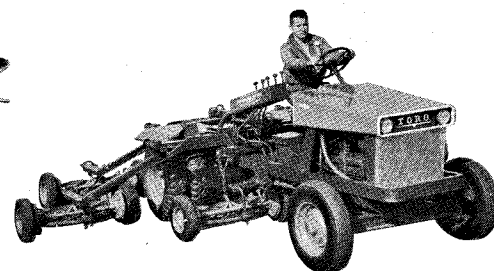
21" HEVI-DUTY WHIRLWIND



25" HEVI-DUTY WHIRLWIND



32" SELF-PROPELLED WHIRLWIND



7 UNIT HYDRAULIC PARKMASTER

Reel Mower or Rotary Mower... Self Propelled or Riding Mower... Whatever your preference in Power Mowers, Toro makes a model to fit your needs. Choose from Toro's complete line of fine mowing equipment.

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TORO MANUFACTURING CORPORATION - Minneapolis 20, Minnesota, U.S.A.

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TORO Builds the right Power Mower for every need!